

EPA Update

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PREC, January 14, 2010

Recent activities

- Public process for registration of new chemicals
- Spray Drift
 - Pesticide Drift Labeling
 - Petition to Protect Children
- Inert ingredients—ANPRM
- Risk assessment
 - Harmonization of OPP and OW effects assessments
 - Revised methods for workers, children of workers and pesticides with no food uses
 - Field volatilization

Public Process for New Chemicals

- Effective October 1, 2009
- Applies to
 - New pesticide active ingredients (ai)
 - New uses of currently registered ai.
 - First food use
 - First outdoor use
 - First residential use
- FR Notice and docket established upon receipt of complete registration packet
 - Initial 30-day comment period
 - Additional 30-day comment period after posting risk assessment and proposed regulation decision (no FR Notice)



Pesticides: Regulating Pesticides



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Pesticide Registration Application Status

Documents related to EPA's registration of these pesticides can be found at [Regulations.gov](#) in the dockets identified below.

Quick Resources

- Public Involvement in Pesticide Registration
- Dockets Open for Comment

Alphabetical listing of new pesticide application registrations.

Chemical Information (Case Name)	Comment Period Trigger	Docket ID Numbers	Docket Openings and Status
Calcium Acetate	New Active Ingredient	NOR: EPA-HQ-OPP-2009-0125	Docket opened 3-16-09 Registration Proposed Decision Available; comment period closes: 01-15-2010 New!
Cold Pressed Neem Oil	New Active Ingredient	NOR: EPA-HQ-OPP-2007-0996	Docket opened 10-24-07 Risk Assessments and Proposed Registration Decision added to the docket; comment period closes: 11-14-09
		NOF: EPA-HQ-OPP-2007-1025	Exemption from the requirement of a tolerance for Cold Pressed Neem Oil in or on all food commodities; comment period closes: 11-14-09
Lavandulyl Senecioate	New Active Ingredient	NOR: EPA-HQ-OPP-2009-0044	Docket opened 2-18-09 Preliminary Risk Assessments and Proposed Registration Decision added to the docket; comment period closes: 01-20-2010 New!
2-Methyl-1-butanol	New Active Ingredient	NOR: EPA-HQ-OPP-2009-0125	Docket opened 3-16-09 Registration Proposed Decision Available; comment period closes: 01-15-2010 New!
Trichoderma asperellum strain ICC 012	New Active Ingredient	NOR: EPA-HQ-OPP-2009-1004	Docket opened 10-29-08 Preliminary Risk and Proposed Registration Decision added to the docket; comment period closes: 1-29-2010 New!
		NOF: EPA-HQ-OPP-2008-0750	Exemption from the requirement of a tolerance for Trichoderma asperellum strain ICC 012 in or on all food commodities; comment period closes: 1-29-2010 New!



Pesticide Drift Labeling

Docket: epa-hq-opp-2009-0628

Comment period extended through March 5, 2010

- FR Notice issued November 4, 2009
- Pesticide Registration Notice (PR Notice) 2009-x
- Pesticide Drift Labeling Interpretation document
- Guidance on label statement revisions to protect people and other non-target organisms from drift

Pesticide Drift Labeling

Docket: epa-hq-opp-2009-0628

Comment period extended through March 5, 2010

PR Notice

- Developed with input from PPDC, SLAs
- Description of pesticide products affected
- Recommended labeling statements
- Implementation

Pesticide Drift Labeling

Docket: epa-hq-opp-2009-0628

Comment period extended through March 5, 2010

Products and uses addressed

- Formulations that may result in spray or dust drift
- Products applied by a method that may result in spray or dust drift
- Use site is outdoors

Not addressed: indoor use, enclosed greenhouse use, animal treatments, gels, baits, skin-applied insect repellents, fumigants, ULV sprays/fogs

Pesticide Drift Labeling

Docket: epa-hq-opp-2009-0628

Comment period extended through March 5, 2010

Products that bear WPS statements

- Keep WPS drift statement and add:
“In addition, do not apply this product in a manner that results in spray [or dust] drift that could cause an adverse effect to people or any other non-target organism or site.”

Petition to Protect Children

Docket epa-hq-opp-2009-0825

Comment period extended through March 5, 2010

- Filed by coalition of worker advocates, October 2009
- Asks EPA to:
 - Evaluate exposure of children to pesticide drift and impose safeguards
 - Adopt interim prohibitions on use of toxic drift-prone pesticides such as OPs and carbamates near homes, schools, parks, and daycare centers or wherever children congregate

Inert Ingredients

Advanced Notice of Proposed Rulemaking

Comments due February 22, 2010

- FR Notice issued December 23, 2009
- EPA response to two petitions seeking disclosure of hazardous inert ingredients on pesticide labels
 - NGOs
 - State Attorneys General
- EPA seeking comments on options
 - Require disclosure of potentially hazardous inerts
 - Require disclosure of all or most inerts

Inert Ingredients

Advanced Notice of Proposed Rulemaking

Comments due February 22, 2010

“Potentially hazardous” options

- Statutory, regulatory or other listings (e.g., CWA, CAA, RCRA, etc.)
- Criteria for ingredient-by-ingredient determination
- List of specific chemicals

Inert Ingredients

Advanced Notice of Proposed Rulemaking

Comments due February 22, 2010

Other specific areas/questions for comment:

- Adding and removing specific ingredients from disclosure requirement
- Consideration of amount of ingredient in a product
- Does disclosing identities, and no other information, provide useful information?
- Should impurities require disclosure?
- Should ingredients be identified by name or class?
- Should ingredients be listed in order of concentration?
- Many others.....

OPP and OW Harmonization

- November 2008 letter to stakeholders
- April 2009 scoping document
- November 25, 2009 FR Notice re: stakeholder meetings
- Seeking a common OPP/OW effects characterization method focused on data limited cases
- Three areas for consideration (white papers)
 - Development and evaluation of predictive tools for use in development of community level benchmarks
 - Development of aquatic life community level benchmarks with data sets that do not meet OW 1985 guidelines
 - Derivation of aquatic life screening values for aquatic plants

OPP and OW Harmonization

- Stakeholder meetings in January 2010
 - January 22, 2010 in Oakland (Ronald V. Dellums Federal Building, 1301 Clay Street)
 - EPA will present details of current thinking on how to ensure consistent effects characterizations
 - EPA will take public comment
 - Stakeholder input will be considered in development of white papers

OPP and OW Harmonization

EPA seeking stakeholder input on:

- Additional sources of pesticide data and relevant reports
- White paper topics
- Availability of data, tools, approaches, and data sets on aquatic toxicity
- Types of values that are used by states and/or regions for protecting aquatic life in the absence of ambient water quality criteria
- Examples of situations in which differences between OW and OPP assessment approaches were an issue

OPP and OW Harmonization

- Information
 - For website, Google: OW OPP common effects
 - Docket epa-hq-opp-2009-0773
 - Jane Hopkins, EPA, OPP FEAD
 - hopkins.jane@epa.gov
 - 703-305-7195
 - Patti TenBrook, EPA Region 9
 - tenbrook.patti@epa.gov
 - 415-947-4223



Revised Risk Assessment Methods: Workers, Children of Workers, and Pesticides With No Food Uses

Docket [epa-hq-opp-2009-0889](#)

- FR Notice December 2009
- Comments due February 8, 2010
- Policy paper describing how EPA will assess pesticide risks not governed by the FFDCA
- Reflects EPA's renewed commitment to environmental justice



Revised Risk Assessment Methods: Workers, Children of Workers, and Pesticides With No Food Uses

Docket epa-hq-opp-2009-0889

Apply FQPA approach to all pesticides

- Additional safety factor to protect children
- Aggregate exposure
- Cumulative effects for pesticides with common MOA
- Consideration of risks to workers age 12-17 and to children taken into agricultural fields

Revised Risk Assessment Methods: Field Volatilization

EPA to expand assessment of inhalation exposure

- Based on data from PANNA and CARB
- Working with CA, FL, MN, WA and Canada
- Reconsideration of criteria that trigger inhalation assessment
 - Historically, just based on vapor pressure
 - Now will consider other factors that affect volatility: physical/chemical properties, ag practices, meteorological conditions, persistence, soil properties
- SAP met in December 2009; report due in March 2010